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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/573,040	01/18/2007	Olli Matti Hynonen	P-18503-US1	7677
27045	7590	02/24/2011		
ERICSSON INC. 6300 LEGACY DRIVE M/S EVR 1-C-11 PLANO, TX 75024				
EXAMINER				
JONES, PRENNELL P				
ART UNIT		PAPER NUMBER		
2467				
NOTIFICATION DATE		DELIVERY MODE		
02/24/2011		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/573,040

Applicant(s)

HYNONEN ET AL.

Examiner

PRENELL P. JONES

Art Unit

2467

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on AMENDMENT FILED 2/10/2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5, 8-11, 13-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 8-11, 13-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-945)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claim 15 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
3. Claim 15 recites the limitation "on the basis of ***the determined telephone numbers***" in line 6. There is insufficient antecedent basis for this limitation in the claim.

Claim Objections

Claims 1-11, 13 and 14 are objected to because of the following informalities: Regarding independent claim 1, Applicant is claiming "routing or re-routing the connection at an intelligent network node to an appropriate data source or mapping the connection to an appropriate data source" which is not clear to Examiner exactly what Applicant is definitely referring to with regard to the use of the language "***appropriate***".

4. . Appropriate correction is required.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-11, 14-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Elliott (USPGPUB 20020064149).

Regarding claim 1, Elliott (USPGPUB 20020064149) discloses setting up and/or controlling a multimedia call involving an H.324 enabled user terminal and a circuit switched connection terminating at the user terminal and at a network node, the method comprising: sending DTMF control signals over the circuit switched connection within H.245 protocol control messages, data streams being multiplexed onto the circuit switched connection using the H.223 protocol (see paragraph 0427, 0451-0456, 2160, 2161, 2277, 2295, 2333 and 2336), Elliott discloses utilizing communication in a multimedia Intelligent environment where H.245 protocol is utilized as associated with circuit switching); at said network node, de-multiplexing the received data stream to recover the DTMF control signals (see paragraph 0584, 0651, 0855, 0861 and 3388); and on the basis of said DTMF control signals, routing or re-routing the connection at an intelligent network node to an appropriate data source or mapping the connection to an appropriate data source (see paragraph 0577, 3392, 1154, 1247, 1348, 1366 1581 and 1790).

Regarding claim 2, Elliott further discloses sending the DTMF control signals within H.245 UUI messages (see paragraph 0427).

Regarding claim 3, Elliott further discloses, wherein said network node is a video

gateway/server (see paragraph 0672).

Regarding claim 4, Elliott further discloses routing the circuit switched connection through said an Intelligent Network node, the Intelligent Network node initially routing the connection to an appropriate video gateway on the basis of caller number, called number, or called or caller party location (see paragraph 0554-0567).

Regarding claim 5, Elliott further discloses Intelligent Network node, subsequently re-routing the call to a telephone number located at the same or a different video gateway on the basis of a DTMF signal contained in an H.245 control message received at the Intelligent Network node(see paragraph 0554-0567).

Regarding claim 8, Elliott further discloses, at the video gateway, extracting appropriate H.245 control messages and forwarding these messages to said intelligent network node, the intelligent network node determining, on the basis of a DTMF signal or signals contained within the forwarded H.245 messages, an address of a packet switched data source to which the circuit switched connection should be connected, establishing a packet switched connection to that data source, and relaying the packet switched data to the video gateway.

Regarding claim 9, Elliott further discloses wherein said data source is a peer H.324 or H.232 user terminal (see paragraph 0434, 0672, 1276).

Regarding claim 10, Elliott further discloses wherein said data source is a streaming server or video mail server (see paragraph 0672).

Regarding claim 11, Elliott further discloses mapping a telephone number at which the circuit switched connection is terminated to a Universal Resource Locator identifying said appropriate data source (see paragraph 1377, 1378, 1495, 1496 and 1673).

Regarding claim 14, Elliott further discloses wherein said network node is said an Intelligent Network node (see paragraph 0554-0567).

Regarding claim 15, Elliott (USPGPUB 20020064149) discloses operating an Intelligent Network node of a communications network (see paragraph 0554-0567), the method comprising receiving DTMF signals contained within H.245 control messages sent from a user terminal over a circuit switched connection (see paragraph 0427, 0451-0456, 2160, 2161, 2277, 2295, 2333 and 2336), Elliott discloses utilizing communication in a multimedia Intelligent environment where H.245 protocol is utilized as associated with circuit switching) mapping the DTMF signals to associated telephone numbers terminating at a video gateway, and routing or re-routing the connection to the video gateway on the basis of the determined telephone numbers (see paragraphs 1926, 1980, 2000, 2030, 3512, 3656, 0368, **3683, 3702, 3740, 3790 and 3800**).

Regarding claim 16, Elliott further discloses operating a video gateway of a communications network, the method comprising receiving one or more DTMF signals contained within an H.245 control message sent from a user terminal over a circuit switched connection (see paragraph, 0649, 0676, 2041, 2193, 2415, 3790, 3952, mapping the DTMF signal(s) to an address of packet switched data sources, and coupling the circuit switched connection to said data source

over a packet switched network (see paragraph, 0649, 0676, 2041).

Regarding claim 17, A Elliott further discloses of operating a video gateway of a communications network, the method comprising terminating a circuit switched connection from an H.324 user terminal, receiving H.245 control messages multiplexed onto said connection using H.223, de-multiplexing the H.223 stream to recover H.223 messages containing DTMF control signals, and forwarding these H.223 control messages to a service node disposed between the video gateway and a packet switched data source (see paragraph, **0421, 0458, 0676, 1186, 1835, 1836, 2041, 2160, 2161, 2162, 2165, 2193, 3385 and 3386**).

Regarding claim 18, Elliott further discloses operating a service node of a communications network, the service node being disposed between a video gateway and a packet switched data source, the method comprising receiving H.245 control messages from the video gateway (see paragraph, **0421, 0427, 0458, 0676, 1186, and 3386**), recovering from the H.245 control messages DTMF control signals provided by a user terminal, mapping one or more of the DTMF control signals to an address of the data source, receiving data from said data source over a packet switched network and forwarding the data to the video gateway (see paragraphs 1926, 1980, 2000, 2030, 3512, 3656, 0368, **3683, 3702, 3740, 3790 and 3800**).

Regarding claim 19, Elliott further discloses of setting up and/or controlling a multimedia call involving a user terminal and a circuit switched connection between the user terminal and a video gateway (see paragraph 0434, 2160 and 2160), the method comprising: routing circuit switched related signaling to an Intelligent Network, IN, node, with user initiated DTMF signals being contained within H.245 messages; and at the IN node, detecting H.245

messages containing DTMF signals (see paragraph 0427, 2032, 2160 and 2161), and causing the service logic at the IN node to set up and/or control the circuit switched connection to the video gateway in accordance with the received DTMF signals (see paragraph 2030 and 2032).

Regarding claim 20, Elliott further discloses of delivering streaming data over a circuit-switched access network from a packet-switched streaming server to a mobile wireless terminal (see paragraph 0427, 2032, 2160 and 2161), the method comprising: at an Intelligent Network node, selecting a telephone number allocated to a video gateway (0068, 0114, 0309, 0461, 0581, 0644, 3683 and 3684); sending a call setup message from said Intelligent Network node to said telephone number and establishing a circuit switched connection between said terminal and the video gateway; at the video gateway, identifying a packet-switched network address associated with said telephone number; and receiving streaming data from said packet-switched network address, and forwarding the data to said terminal over said circuit-switched connection (see paragraphs 0455, 0456, 0458, 0459, 0465, 0466, 0472, 3951, 3952, 3962, 3964).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Prenell P. Jones whose telephone number is 571-272-3180. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pankaj Kumar can be reached on 571-272-3011. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Prenell P. Jones

February 9, 2011

/Prenell P Jones/

Examiner, Art Unit 2467

/Pankaj Kumar/

Supervisory Patent Examiner, Art Unit 2467